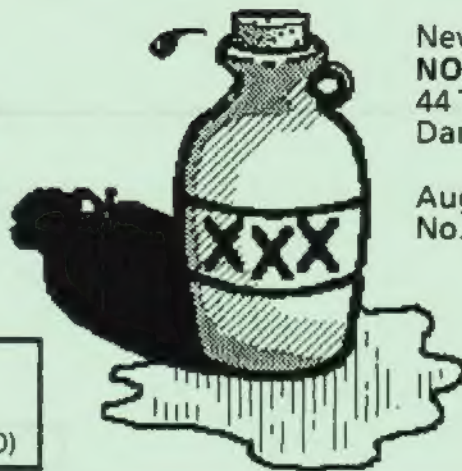


# The Contest



Newsletter of the  
**NORTHERN CALIFORNIA CONTEST CLUB**  
44 Toyon Terrace  
Danville, CA. 94526

August 1988  
No. 192

PRESIDENT:	WB6MZQ
VP/CC:	K4UVT
SEC/TREAS:	K6MA
NCCC REPEATER:	147.24 (+ 600)

AWARDS:	K6ZM
JUG EDITOR:	W7MAP
DIRECTORS:	VE2AQS, K6KLY, WZ6Z, W6RGG

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## 1988 N.C.C.C. PICNIC

## AUGUST 27, 1988

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What: NCCC Auguts Meeting

When: Saturday, August 27, 1988

Time: 1:00pm to whenever

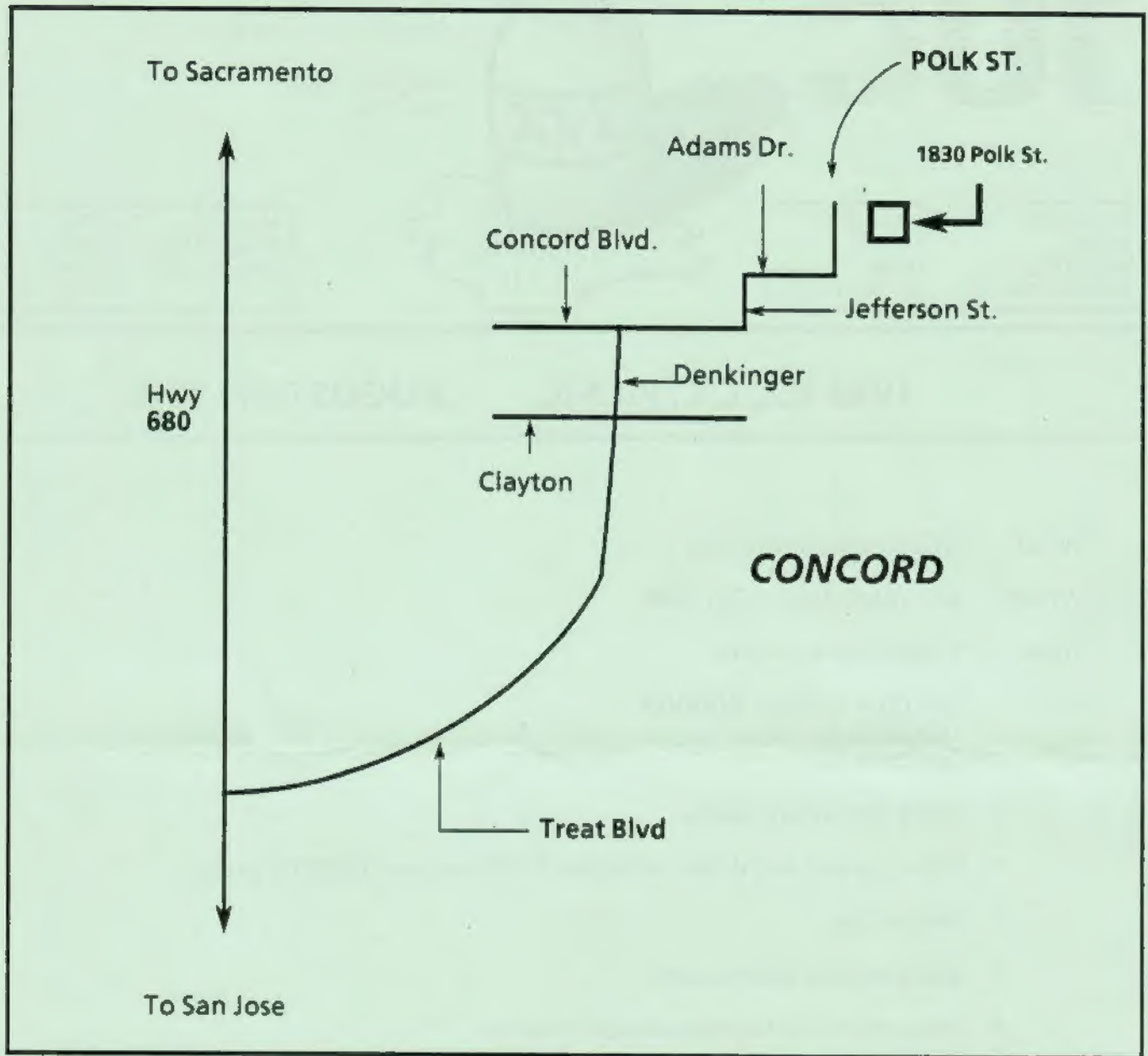
At: The QTH of Gary, WA6VEF  
1830 Polk St.  
Concord, CA.

- \* Bring the whole family
- \* Plenty to eat and drink--at about \$7.00 a person (kids 1/2 price)
- \* Swimming
- \* Bumper pool tournament
- \* Swap stories with your contest cohorts

Please make reservations to attend, either with Louese, KA6ING, or by telephone with Gary, WA6VEF (415-689-7500).

### Directions:

1. Take the Treat Boulevard exit from either south or north-bound Highway 680. Treat is approximately two miles north of the intersection of Hwy 24 and Hwy 680.
2. Proceed east on Treat Blvd. for 4.5 miles. At this point, Treat changes it's name to Denkinger Road.
3. Continue straight on Denkinger for .8 mile.
4. Turn right on Concord Blvd., and go .3 miles.
5. Make a left on Jefferson St., then an IMMEDIATE right on Adams Dr. Follow Adams Dr. until it dead ends into Polk St.
6. Talk in on 147.54 MHz.





## CQP 1988

### It's Party Time Again!!!

It's just about time for the most well-attended party on the contest calendar!

Be sure not to miss the 23rd annual running of our own NCCC-sponsored California QSO party, slated this year for October 1st and 2nd, 1988. This is the contest that has become nationally recognized as THE premier state QSO party, and is the only radiosporting event where you can win a bottle of fine California wine. CQP is unique in that you don't need a "big gun" station to make a big score, since California stations are truly the "hunted" rather than the "hunters." It's also a great way to pick up new CA counties for the NCCC-sponsored "Worked All California Counties" award.

To coordinate NCCC activity for this year's party, we've divided the Club up into sections. By now, you should have been contacted by one of our CQP area coordinators to find out your plans for the contest. If, by chance, you haven't been reached, here are the Coordinators and their phone numbers:

Marin County and North-----	Lyle, WW6F, 707-523-1066
SF and Upper SCV-----	Dick, K6LRN, 415-472-4669
Middle SCV-----	Steve, WC6I, 415-965-8679
Lower SCV #1-----	Scott, N1EE, 408-379-6185
Lower SCV #2-----	George, KI6CG, 408-353-2188
Upper and Lower East Bay-----	Mac, W6BSY, 415-276-7273
Eastern East Bay-----	Gary, WA6VEF, 415-689-7500
Sac Valley and Nevada-----	Tim, NC7K, 702-972-4722
SJV-----	Duane, W6REC, 209-745-3935

Our pre-contest publicity campaign continues in full swing for the 1988 CQP. We'll be mailing out three-page promotional flyers to every entrant in the 1987 and 1986 CQPs. Similar announcements will be sent to another 250 or so stations who made 25 or more QSOs in the 1987 contest but didn't submit a log. And, flyers will be sent to another 250 active testers and DXers throughout the country.

We'll again be enclosing CQP announcements in QSL returns for N6KT's PJ2FR contest expeditions. And, QSL managers WA6AHF and XYL Ferne, along with W6BSY (who handles the YASME QSLs), have again volunteered to stuff CQP literature in the cards they answer. Rules for the CQP will appear in the September issues of QST, CQ, RADIOSPORTING, and WORLD RADIO NEWS, and I expect that N6ADI will cover the CQP in his "West Coast News" column in the NATIONAL CONTEST JOURNAL.

Our awards program will again feature lots and lots of certificates, plaques, and wine. Two new plaques will be given in 1988 to the top Novice/Technician entrant both in CA and out of state, courtesy of Louese, KA6ING. In addition, our friends in the Redwood Empire DX Association and the Palo Alto Amateur Radio Club have again volunteered to sponsor awards.





With sunspot numbers on the rise, along with the help and support of the NCCC membership, it appears that 1988 will be another banner year for the California QSO party. Elsewhere in this issue of the JUG appears complete rules for the CQP, as well as a listing of all-time CA and out of state records.

More next month,

Gary WA6VEF  
CQP Honcho 1988

### 1988 CALIFORNIA QSO PARTY

Sponsored by the Northern California Contest Club

BEGINS: 1600 UTC October 1, 1988      ENDS: 2200 UTC October 2, 1988

Single operator entries may operate only 24 hours; off times must be clearly marked in the log and must be at least 15 minutes long.

Multi operator entries may operate the full 30 hours.

Stations may be worked once on CW and Phone on each band.

All contacts must be simplex; no MCW.

All CW contacts must be made in the CW sub-band, except for 160 meters.

California stations that change counties are considered to be new stations and may be contacted again for point and multiplier credit. CA stations operating from a county line may be counted only as one QSO.

**OBJECT:** Stations outside of California work as many California stations in as many CA counties as possible; stations in California work anyone.

**EXCHANGE:** California stations send QSO number and county; stations outside of California send QSO number and state/province/country.

**QSO POINTS:** Each complete phone contact is worth 2 QSO points. Each complete CW contact is worth 3 QSO pints.

**MULTIPLIERS:** California stations use states and VO/VE1-7 and VY1/VE8 for a possible total of 58. Out of state stations use the number of different California counties for a possible total of 58. CA stations on a county line may be claimed as a multiplier for any or all of the counties they give in their exchange.

**TOTAL SCORE:** The total score is the number of QSO points multiplied by the total number of multipliers.

**FREQUENCIES:** 160 through 2 meters excluding 30 and 12 meters. CW on 1805 and 50 KHz up from the band edge. Phone on 1815, 3850, 7230, 14250, 21300, and 28500. Novices 10 KHz up from the band edge and 28495.

Try CW on the half hour.

Try 10 meters on the hour 1700-2000Z.

Try 147.54 MHz at 2000, 0000, and 0400Z.

Try 160 meters at 0500Z; 80 meters at 0300 and 0700Z.

**DEADLINE FOR SCORE SUBMISSION:** All logs and summary sheets must be sent to NCCC c/o Gary Caldwell, WA6VEF, 1830 Polk Street, Concord, CA. 94521 by November 15, 1988. Please include a business size SASE for results. Entries of more than 200 QSOs must include duplicate sheets.





# CALIFORNIA QSO PARTY ALL TIME RECORDS

MELE OP					
AMEDA	W6SZH	80	232,788	1939	57
PINE	W6XB	79	70,700	707	50
ADOR	W6OR	86	171,171	1001	57
ITTE	K6AAW/6	85	51,357	414	57
LAVERAS	K6RK	87	145,264	1067	56
LUSA	K6HNU	80	97,240	884	55
WTRA CO.	W6BV	87	266,220	2011	58
L NORTE	W6HAT	85	43,656	428	51
DOMADO	W6TPH	79	193,820	1762	49
ESMO	W6GITH	87	35,427	343	49
ENN	AJ6V	84	186,596	956	54
WOLDT	W6SXJ	79	139,810	1271	55
WRIAL	W6RNG	75	44,086	469	47
YD	W6GZM	79	128,336	1234	52
RN	NSFA/6	85	218,254	1798	58
NGS	W6BT (W6VEF op.)	86	250,738	2046	58
KE	K6HNU	81	189,126	1659	57
SSEN	K6AAW	86	131,254	1017	58
OS ANG.	W6AQ (W6GTU op.)	86	266,452	2065	58
DERA	K6HNU	83	198,476	1711	58
IRIN	K6LRN	87	102,030	692	57
ARIPOSA	K6HNU	82	199,288	1718	58
WDOCTINO	W6T	82	135,945	1116	57
ERCEO	W6TPH	82	180,612	1434	58
DOOC	W6REC	87	199,578	1450	58
OMO	W6ZBX	87	111,216	993	56
ONTREY	KQ6V	81	189,497	925	57
APA	W6FSJ	83	95,817	783	57
EVADA	AJ6V	86	242,846	1913	58
RANGE	NJ6H	82	181,714	1368	58
LACIR	W6SZH	81	121,775	953	55
LUMAS	K6AAW	87	126,266	928	58
IVERSIDE	W6KFX	80	43,142	385	45
ACTO	KJ6D	81	167,238	1302	57
BENITO	WV6Z	86	149,292	1200	58
BERNA	W6MAL	86	107,502	788	57
DIEGO	K6HA (W6TR op.)	87	292,842	2283	58
FRAN.	W6BV	79	232,560	2040	57
JDAQ.	K6AYA	76	181,640	965	58
LUIS	W7CB	82	221,328	1777	58
MATEO	W6BV	82	270,454	2245	58
BARB.	W6OUL	80	165,642	1301	57
CLARA	W6BT (W6VEF op.)	82	292,436	2350	58
CRUZ	W6RZ (W6SHO op.)	80	276,892	2338	58
MASTA	AA6DX	79	168,376	1619	52
IERRA	WJEE/6	87	56,056	413	52
ISKIYOU	WJ6Q	87	37,050	294	50
OLAND	K6BJK	85	180,422	1653	57
ONOMA	K6BZA	81	136,287	1194	57
TANIS.	W6SZH	83	148,656	1876	57
UTTER	W6TOD	78	93,138	817	57
ENAMA	K6AAW	83	134,007	1004	57
RINITY	W6HBE	81	23,520	240	49
ULARE	KJ6CG	87	89,552	772	58
UOLUMNE	W6TP	79	38,976	406	48
VENTURA	W6TR	81	293,248	2377	58
YOLD	W6JV	81	88,776	724	54
YURA	K6HNU	84	159,268	1373	58

## CALIFORNIA

### MULTI-OP

MULTI-SINGLE	AJ6O	82	259,848	2119	58
MULTI-MULTI	W6KT	79	493,928	4258	58

### COUNTY EXPEDITIONS

SINGLE-OP W6BT (W6VEF op.)	86	258,738	2046	58
MULTI-OP W6KT/6	78	306,356	2641	58

### MOBILE SINGLE-OP OR TEAM

MAARO/W6GO	87	785		
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### MOST CW QSO's

W6UE (AA6RX op.)	87	1004		
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ALABAMA	KD4XR	81	32,148	342	47
ALASKA	WJ7K	86	16,480	164	50
ARIZONA	K7GM	81	34,522	343	41
ARKANSAS	W6DTK	79	24,012	261	46
CALIFORNIA	W6TR	81	293,248	2373	58
COLORADO	AC05	86	23,650	287	43
CONNECT.	W1GMR	81	34,892	382	44
DELANARE	K3HBP	87	17,480	140	46
FLORIDA	K4XS (W64E op.)	87	118,726	922	58
GEORGIA	W44G	87	117,392	889	58
HAWAII	W6AZ	87	25,288	223	46
IDAH0	W4PID	75	54,172	467	58
ILLINOIS	W6AVL	82	91,616	746	56
INDIANA	K8OC	87	37,692	349	54
IONA	W0EWD	82	91,198	750	55
KANSAS	W0HAP	79	28,350	315	45
KENTUCKY	W4XT	83	29,580	292	50
LOUISIANA	KZSO	87	38,988	318	54
MAINE	W1GLH	81	25,757	257	57
MD-DC	KJCT	86	80,541	605	57
MASS.	W6IB	86	21,798	203	42
MICHIGAN	W6BHQ	82	27,762	289	42
MINNESOTA	KJBF	87	52,839	421	57
MISS.	K5MC	87	23,685	200	47
MISSOURI	W0RJ	78	23,220	258	45
MONTANA	W7JYV	75	19,006	221	43
NEBRASKA	KYDI	87	74,536	577	56
NEVADA	W7NIN (W6AT op.)	83	73,776	606	53
NEW HAMP.	K11TS	81	28,413	268	41
N. JERSEY	W2AEW	82	29,190	276	42
N. MEXICO	W515	87	28,636	163	44
NEW YORK	W2NG	87	41,184	337	52
N. CAROLINA	AA4MC	86	61,380	484	55
N. DAKOTA	W3PWL	87	49,800	384	56
OHIO	W6ET	86	40,333	318	53
OKLAHOMA	W5TZH	87	27,658	254	50
OREGON	W6TR/7	86	130,500	1030	58
PENN	W6CO/3	87	64,314	483	54
RHODE IS	K4IGOW	86	28,764	245	47
S. CAROLINA	W6OKX/4	86	15,540	138	42
S. DAKOTA	KD0EE	87	28,539	184	47
TENN	K4LTA	87	65,448	501	54
TEXAS	W5JB	87	73,872	575	57
UTAH	KJ7KF	87	24,860	226	55
VERMONT	W4JYV	87	24,104	196	46
VIRGINIA	W3YY	86	52,528	400	56
WASH	W7ZZ	77	52,784	488	54
V. VA.	W6VEN	82	5,356	103	26
WISCONSIN	W0B5H/9	87	182,828	839	57
WYOMING	K7PH	86	12,812	124	39
WARTIME	VE1BHN	81	27,520	212	46
QUEBEC	VE2EDK	87	11,560	183	40
ONTARIO	VE3KK	87	19,926	164	41
MANITOBA	VE4VV	79	12,768	168	38
SASK.	VE5US	75	5,680	71	40
ALBERTA	VE6HNE	86	9,672	184	31
BRIT. COL.	VE7SK	87	72,561	553	57
YUKON	VE8CH	86	8,162	79	39
ASIA	JH7OPB	83	9,842	128	37
EUROPE	LA8PT	86	5,518	63	31
S. AMER.	TY5BPG	86	3,762	57	33
N. AMER. DX	XE1LLS	80	6,552	117	28



**AWARDS:** Certificates to the highest scoring single operator entry in each CA county, each state/province, and each country, and each station that scores 100 or more QSOs. Trophies to the top three out of state single ops; the top three California single ops; the top multi-single and multi-multi in California; and the high scoring single-op and multi-op California county DXpeditions.

Special CQP Wine Award to the top 20 single operators in California, along with the top 20 single ops out of state, will receive a personalized bottle of Northern California Contest Club Private Reserve California wine. Wine winners who are under legal drinking age will receive a 1988 California QSO party t-shirt.

Special trophies-Chairman's Award to the California single op who makes the most CW QSOs. Other trophies to the mobile single-op or team with the most total QSOs; the high scoring low power entry (200 watts or less) in California and out of state; the top Novice/Technician entry in OC and out of state; and the top club in California (Northern and Southern Cal Contest Clubs are ineligible).

A special thanks to Carl Cook, AI6V, of Wally's Rental Center, Concord, CA; Bruce Butler, W6OSP, of Paine Webber, Napa, CA; and Howard Brainen, WZ6Z, of Custom Process, Berkeley, CA, for their generous support of the Cal QSO party.

### WELCOME TO DAVE LEESON W6QHS

The NCCC is pleased to announce the new membership of Dave Leeson W6QHS. Dave, a DX'er of much repute come to the NCCC as a veteran of many contests. Welcome!

### WANTED: SPRINTERS

The results of the February 1988 Phone and CW Sprints are in the current NCJ for all to see! NCCC lost to SCCC big time! Not only did we lose but apparently could only muster 7 entries for a team of 10 entrants. Let's get behind the Sprints this September. Please contact Bob Vallio W6RGG direct for sign-up in the CW edition. A volunteer is needed for the Phone Sprint organization. Contact the editor if you are interested.

### SPRINT RESULTS (FEBRUARY 1988)

#### PHONE

#### TOP TEN

Call	QSOs	Mult	Score	Band Chgs	Last 20M QSO	First 80M QSO
N6RO	332	50	16,600	2	0148	0302
PY5EG	296	55	16,280	0	0359	-----
W7WA	349	46	16,054	3	0201	0318
K5LZO	301	50	15,050	9	0202	0204
NR5M	300	47	14,100	10	0220	0237



**TOP TEN CON'T**

Call	QSOs	Mult	Score	Band Chgs	Last 20M QSO	First 80M QSO
N4RJ	281	49	13,769	80	0210	0211
K4XS	298	45	13,410	2	0106	0338
KW8N	279	45	12,555	51	0210	0224
K6LL	276	45	12,420	2	0130	0249
N10E	257	44	11,308	12	0132	0214

**TOP TEN MULTS**

Call	Mults	Call	Mults
PY5EG	55	W7WA	46
K5LZO	50	K5ZD/3	45
N6RO	50	K4XS	45
N4RJ	49	K13L/5	45
NL7GP	48	K6LL	45
NR5M	47	KW8N	45

**TOP TEN QSOS**

Call	Hour Number				Total
	1	2	3	4	
W7WA	92	85	89	83	349
N6RO	102	77	72	81	332
K5LZO	83	79	74	65	301
NR5M	90	75	70	65	300
K4XS	71	67	63	97	298
PY5EG	84	66	69	77	296
N4RJ	75	72	69	65	281
KW8N	75	69	78	57	279
K6LL	87	76	46	67	276
N10E	80	79	59	39	257

**NEW RECORD HOLDER/SCORE**

GA	N4RJ	13,769
FL	K4XS	13,410
NM	K13L/5	11,025
LA	KZ5D	8,159
CA	N6RO	16,600
AZ	K6LL	12,420
AK	NL7GP	10,848
UT	K7CU	1,404
ND	WB0O	9,204
BC	VE7AHA	9,360
PY	PY5EG	16,280





# TOP TEN QSOS CW

CALL	NAME	20	40	80	QSOS	MU	SCORE	TEAM	AREA
N21C/0	STEVE	99	123	117	339	44	14,916	BLUES	CO
K5RX									
(KR0Y,op)	JEFF	89	131	96	316	41	12,956	BLUES	TX
N6RO									
(WA6VEF,op)	GARY	119	108	88	315	41	12,915	NCCC#1	CA
K6LL/7	DAVE	105	115	93	313	42	13,146	BLUES	AZ
K6NA	GLEN	87	131	95	313	40	12,520	SCCC#3	CA
N6ND									
(N6TR,op)	TREE	101	123	85	309	42	12,978	SCCC#3	CA
K5LZO	CHUCK	98	111	99	308	41	12,628	BLUES	TX
K3LR	TIM	90	106	110	306	42	12,852	IC LIGHT	PA
K5ZD/3	RANDY	94	111	100	305	42	12,810	IC LIGHT	PA
K5GN	DAVE	104	106	87	297	44	13,068	TDXS#1	TX

# TOP TEN SCORES

N21C/0	STEVE	99	123	117	339	44	14,916	BLUES	CO
N6LL/7	DAVE	105	115	93	313	42	13,146	BLUES	AZ
K5GN	DAVE	104	106	87	297	44	13,068	TDXS#1	TX
N6ND									
(N6TR,op)	TREE	101	123	85	309	42	12,978	SCCC#3	CA
K5RX									
(KR0Y,op)	JEFF	89	131	96	316	41	12,956	BLUES	TX
N6RO									
(WA6VEF,op)	GARY	119	108	88	315	41	12,915	NCCC#1	CA
K3LR	TIM	90	106	110	306	42	12,852	IC LIGHT	PA
K5ZD/3	RANDY	94	111	100	305	42	12,810	IC LIGHT	PA
N6IG	JIM	117	111	50	278	46	12,788	CA	
K5LZO	CHUCK	98	111	99	308	41	12,628	BLUES	TX

# TEAM SCORES

## BLUES BROTHERS

N21C/0	14,916
K6LL/7	13,146
K5RX	12,956
K5LZO	12,628
WN4KKN/5	12,452
N4RJ	11,997
K4VX/0	11,840
K1KI	11,051
N5RZ	10,767
W0UA	9,867
TOTAL	121,620

## SOUTHERN CAL CONTEST CLUB #3

N6ND	12,978
K6NA	12,520
N6TJ	12,390
W6AQ	12,306
N6AA	11,726
W6UE	11,560
NE6I	11,398
N6ZZ	11,316
NI6W	9,361
N6VR	7,585
TOTAL	113,140





## TEAM SCORES CON'T

### IC LIGHT

K3LR	12,852
K5ZD/3	12,810
W2GD	11,972
W9RE	10,374
KW8N	9,880
NA4K	8,892
K3MD	7,488
K8CV	1,600
<b>TOTAL</b>	<b>75,868</b>

### NORTHERN CAL CONTEST CLUB #1

N6RO	12,915
N6XI	11,040
W6OAT	10,619
AJ6V	9,213
W6RGG	8,778
N1EE/6	7,236
AD6E	4,375
<b>TOTAL</b>	<b>64,176</b>

## EDITOR'S NOTES

The Jug has a new (albeit interim) editor. Along with the new cast comes "The new look". I hope it meets with everyone's approval. I would like to take a few moments to say thanks to Kip (W6SZN) and his clerical staff, in behalf of the membership, for all the long hours spent putting this newsletter together. You did a super job and we all appreciate your efforts! Thank you.

So that a timely Jug can be presented to the membership, I will be soliciting your inputs for the newsletter on a fixed date. Barring any objections, the closing date for the September Jug will be Sept. 6, 1988. The targeted mailing date will be the 12th of Sept. I would like to treat each subsequent month in the same manner until a permanent editor can be found.

Thank you in advance  
Chuck W7MAP

## CQWW PLANS?

If you're planning activity for CQ W.W. let us know for the Sept. Jug. A note on packet or a casual conversation on 24 is enough to get it into print. Remember there are those looking for ops and those looking for stations. Let the Jug get you together.

## SWEEPSTAKES 1988

It's not too early to be considering the SS. This traditional showdown has had it's ups and downs. (mostly downs) in recent NCCC history. There are any number of ways to stimulate interest:

- Major club effort
- Inter-club contest-pit your neighborhood against another
- Friendly wagers
- Sponsor a prize

Volunteers are needed to spearhead the efforts on these and other contests. Please see your VPCC, Bob, K4UVT.





**TOWER CORPORATION**

**MA-40**

40' TUBULAR TOWER

~~\$745~~ **SALE! \$549**

**MA-550\***

55' TUBULAR TOWER

~~\$1245~~ **SALE! \$899**

- Handles 10 sq. ft. at 50 mph
- Pleases neighbors with tubular streamlined look

**TX-455**

55' FREESTANDING CRANK-UP

- Handles 16 sq. ft. at 50 mph
- No guying required
- Extra-strength Construction
- Can add raising and motor drive accessories

Shown with optional MA400 tower base

STOCK FOR QUICK DELIVERY  
OTHER MODELS AT GREAT PRICES

**KENWOOD S-940S**



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HF TRANSCEIVER

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399 Howard Ave.  
(415) 342-5767  
George Mgr. WB6DSV  
5 miles south on 101 from SFO

**OAKLAND, CA 94606**

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(415) 534-5757  
Al Mgr. WA6SYK  
17N-5th Ave./17S-18th Ave.

**ICOM IC-R7000**



25 MHz-1300 MHz

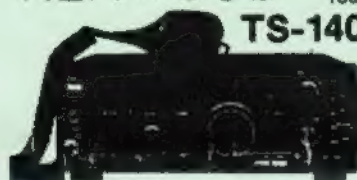
STOCK FOR  
QUICK DELIVERY

**IC-761**



HF SUPERIOR GRADE  
TRANSCEIVER

**KENWOOD TS-140S**

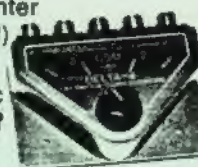


50 KHz to 35 MHz  
HF TRANSCEIVER  
CALL FOR PRICE

**Model DELTA-4**

Lightning Surge Protected  
4-Position RF Coax Switch

- Exclusive center "off" (ground) position.
- Uses ceramic Arc-Plug® protector.



- Micro-strip circuitry—no wafer switch.

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